

Notifiable Disease Surveillance Monthly Report

Metro Public Health Department

Date: December 13, 2004



November 2004 Reported Notifiable Diseases at a Glance

Disease	November 2004	Cumulative through November 2004	November 2003	Cumulative through November 2003
AIDS*	21	251	22	256
HIV*	32	297	18	285
Sexually Transmitted Diseases				
Chlamydia	217	2,293	239	2,445
Gonorrhea	104	1,065	132	1,397
Primary and Secondary Syphilis	2	15	0	18
Other Syphilis	10	135	14	162
Tuberculosis	2	45	8	57
Communicable Diseases **				
Gastrointestinal Diseases ¹	18	157	15	101
Hepatitis A	1	19	0	8
VRE & DRSP ²	0	23	9	68
<i>Neisseria meningitidis</i> Disease	0	1	0	0
Bacteremia and meningitis caused by:				
<i>Haemophilus influenzae</i>	0	3	1	0
Group A streptococcus	1	12	0	4
<i>Listeria monocytogenes</i>	0	0	0	14
Other Bacteria ³	1	8	0	3
Other Communicable Diseases	1	15	2	37
Vaccine-preventable Diseases**				
Influenza-like Illness ⁴	1	186	23	944
Other ⁴	3	9	3	11

*Includes both Davidson County residents and non-Davidson County residents

**Presented on this page by report date

[^]Includes cases reported as confirmed and probable

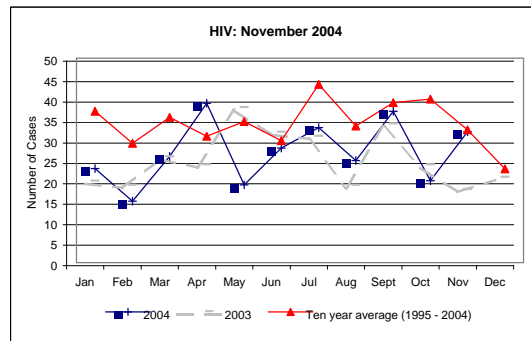
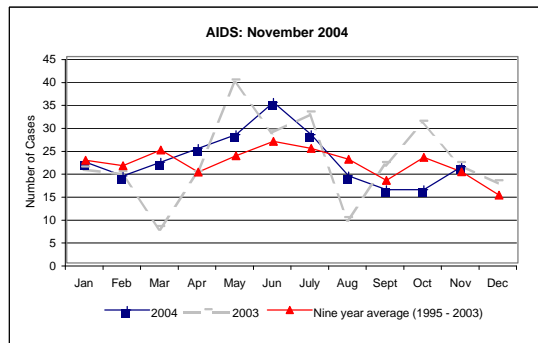
¹ Gastrointestinal diseases = campylobacteriosis, *E-coli* 0157:H7, giardiasis, salmonellosis, and shigellosis

²VRE = Vancomycin resistant enterococci / DRSP = drug resistant *Streptococcus pneumoniae*

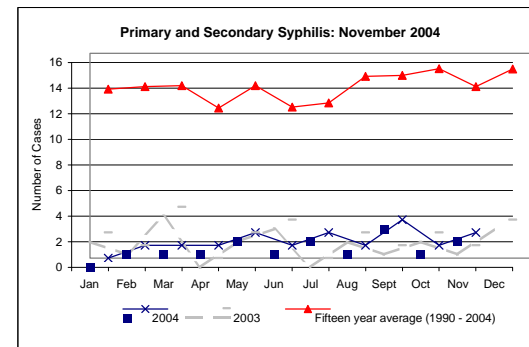
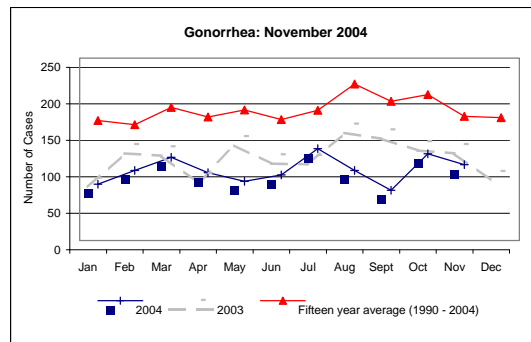
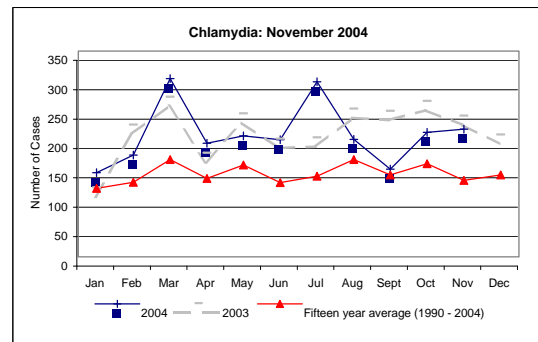
³See *Definitions and Technical Notes* for a list of bacteria included in this category

⁴Includes diphtheria, measles, mumps, pertussis, and tetanus

HIV/AIDS

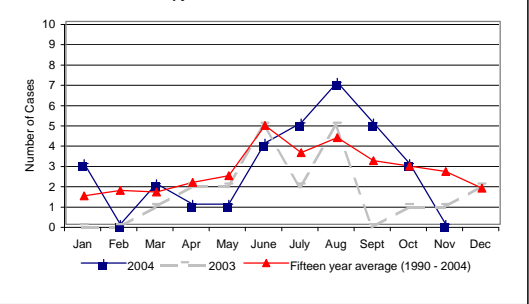


Sexually Transmitted Diseases

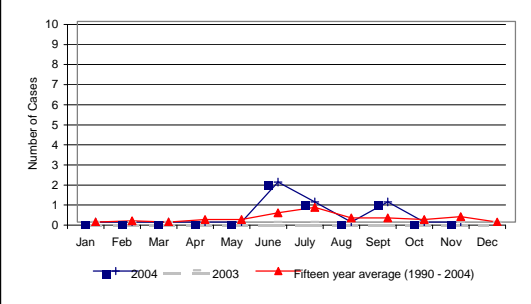


Gastrointestinal Diseases

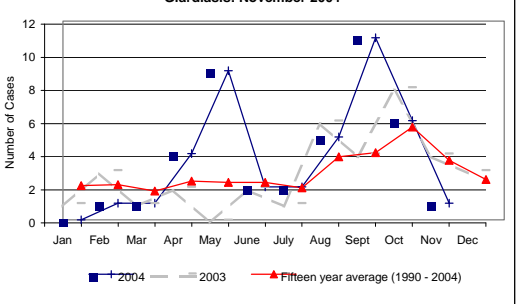
Campylobacteriosis: November 2004



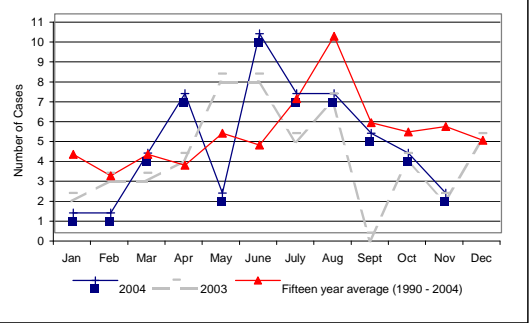
E Coli 0157:H7: November 2004



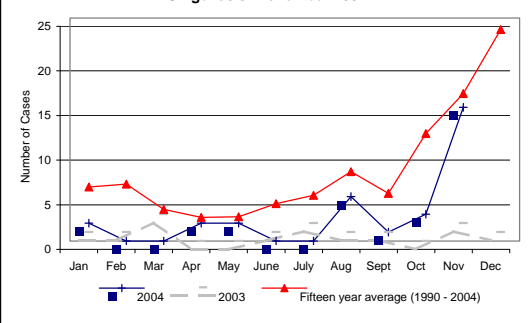
Giardiasis: November 2004



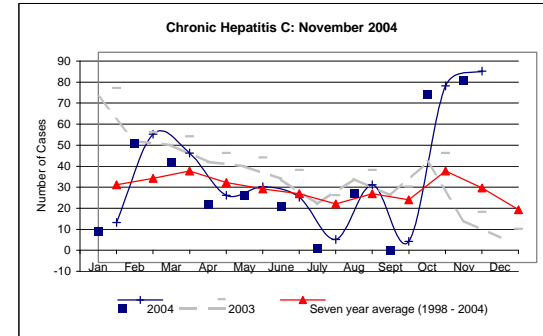
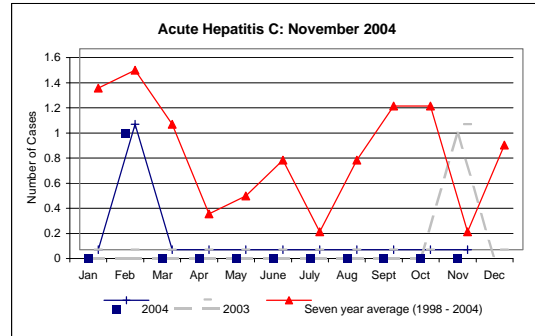
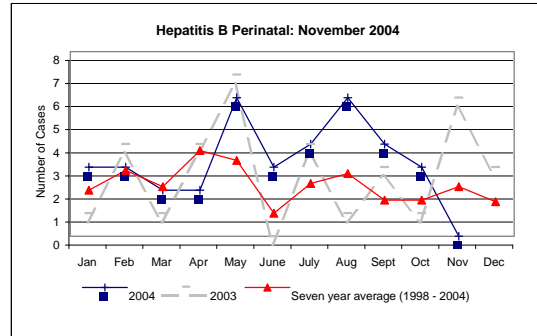
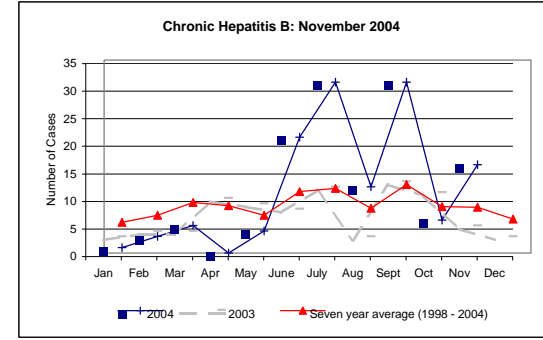
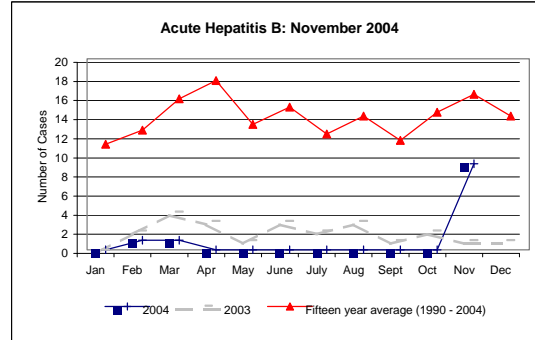
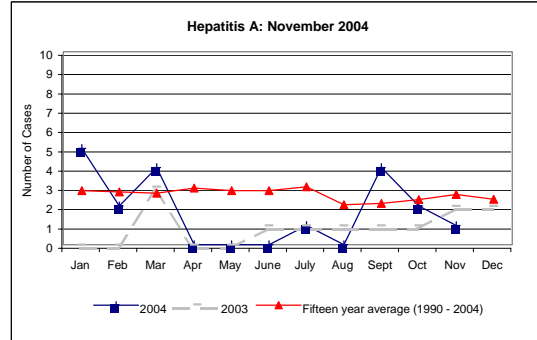
Salmonellosis: November 2004



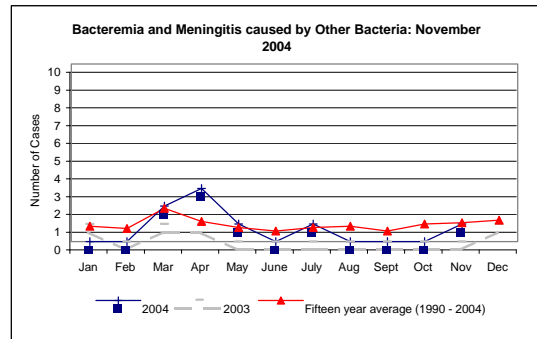
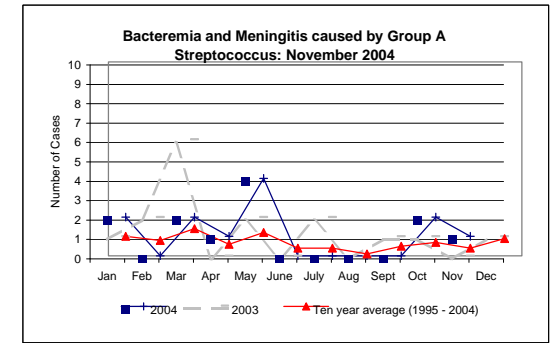
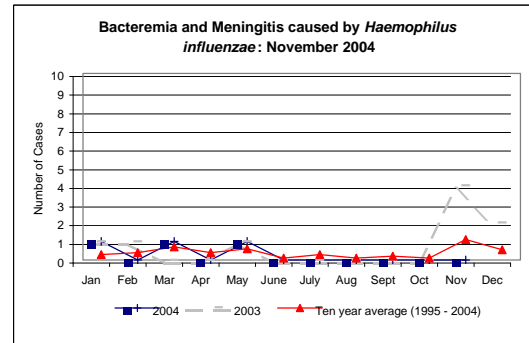
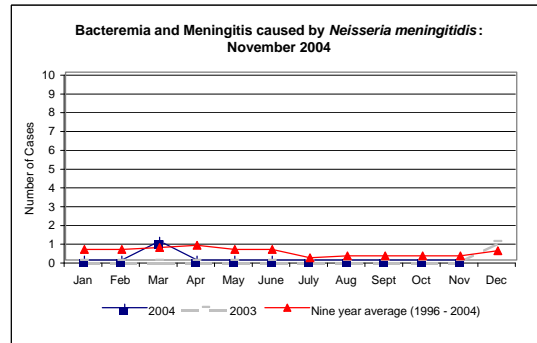
Shigellosis: November 2004



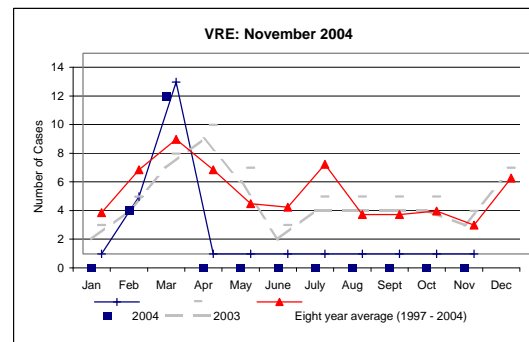
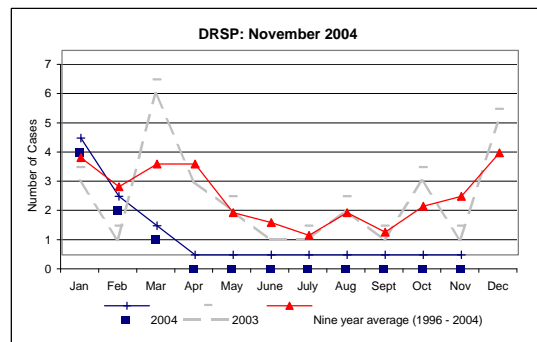
Hepatitis



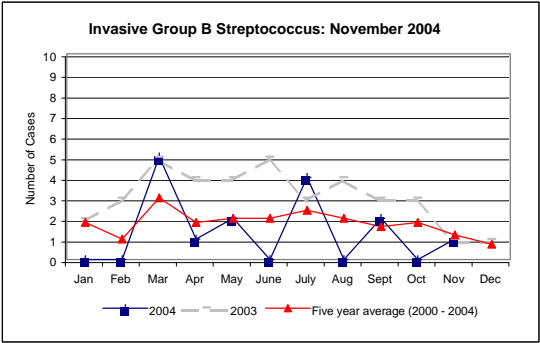
Meningitis



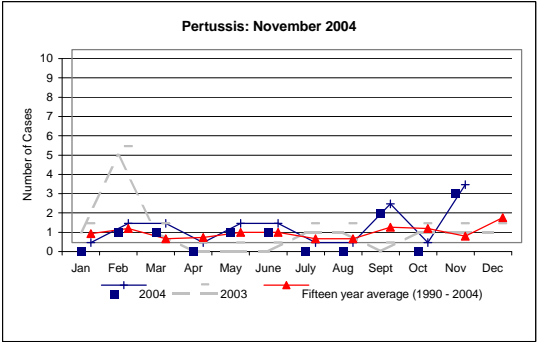
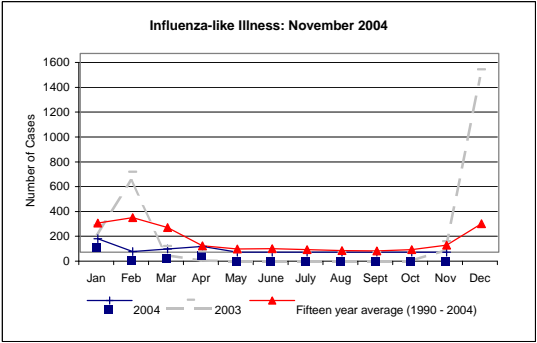
DRSP and VRE



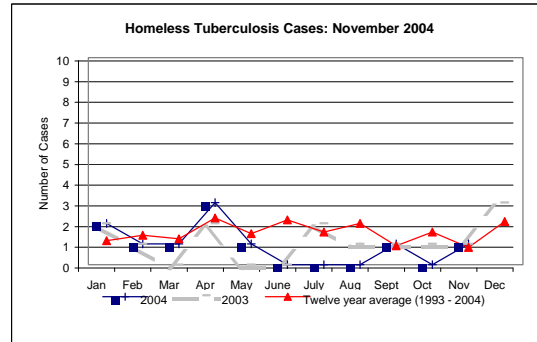
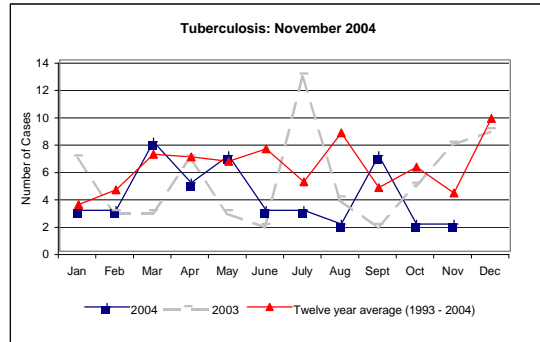
Other Communicable Diseases



Vaccine-preventable Diseases



Tuberculosis



Notifiable Disease Surveillance Monthly Report: AIDS/HIV/STDs

Month: November, 2004 by Date of Report

Disease	Reported Cases	Place of Diagnosis		Race				Gender			Age										Previous Year
		MHD	Other	White	Black	Other	Unk	Male	Female	Unk	< 1	1-9	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70+	Unk	November, 2003
AIDS/HIV																					
AIDS*	21		21	10	9	2		16	5					5	6	6	3	1			22
HIV*	32	5	27	15	15	2		27	5				2	12	6	5	4	3			18
Sexually Transmitted Diseases																					
Chlamydia	217	82	135	47	155	2	13	75	142		1		85	106	15	9	1				239
Gonorrhea	104	43	61	18	78	3	5	64	40				27	51	19	4	2	1			132
Syphilis, Primary	1	1		1				1							1						
Syphilis, Secondary	1		1	1				1								1					
Syphilis, Congenital																					
Syphilis, Other	10	3	7	1	9			5	5					2	3	4	1				14
Total Syphilis	12	4	8	3	9	0	0	7	5	0	0	0	0	2	4	5	1	0	0	0	14
Total STDs	333	129	204	68	242	5	18	146	187	0	1	0	112	159	38	18	4	1	0	0	385
Syphilis Cases Who Were Homeless	1		1		1			1								1					0
Cumulative through November, 2004																					
AIDS/HIV																					
AIDS*	251		251	115	120	16		205	46				1	42	92	77	28	5	6		256
HIV*	297	55	242	148	129	20		251	46			1	9	67	104	81	25	7	3		285
Sexually Transmitted Diseases																					
Chlamydia	2,293	854	1,439	649	1,363	17	264	740	1,553		2	1	754	1,259	208	59	7	2	1		2,445
Gonorrhea	1,065	418	647	232	700	10	123	607	458			1	245	515	190	90	19	3	2		1,397
Syphilis, Primary	2	2		2				2							1	1					6
Syphilis, Secondary	13	1	12	10	3			12	1					3	2	5	1	1	1		12
Syphilis, Congenital	3		3	1	2			1	2		3										
Syphilis, Other	135	32	103	37	98			96	39				1	22	39	39	23	4	7		162
Total Syphilis	153	35	118	50	103	0	0	111	42	0	3	0	1	25	42	45	24	5	8	0	180
Total STDs	3,511	1,307	2,204	931	2,166	27	387	1,458	2,053	0	5	2	1,000	1,799	440	194	50	10	11	0	4,022
Syphilis Cases Who Were Homeless	7		7	1	5	1		6	1						2	4	1				5

Blank space = No report received

Notifiable Disease Surveillance Monthly Report: AIDS/HIV Davidson County Resident Only

Month: November, 2004 by Date of Report

Disease	Reported Cases	Place of Diagnosis		Race				Gender			Age											Previous Year
		MHD	Other	White	Black	Other	Unk	Male	Female	Unk	< 1	1-9	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70+	Unk	November, 2003	
AIDS/HIV																						
AIDS	15		15	5	9	1		11	4					4	3	6	1	1			17	
HIV	23	5	18	9	13	1		18	5				1	10	3	4	3	2			12	
Cumulative Through November, 2004																						
AIDS/HIV																						
AIDS	179		179	65	105	9		142	37				1	26	63	58	23	3	5		190	
HIV	209	49	160	88	107	14		173	36			1	6	44	69	62	20	4	3		199	

Notifiable Disease Surveillance Monthly Report: AIDS/HIV Non-Davidson County Resident Only

Month: November, 2004 by Date of Report

Disease	Reported Cases	Place of Diagnosis		Race				Gender			Age											Previous Year
		MHD	Other	White	Black	Other	Unk	Male	Female	Unk	< 1	1-9	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70+	Unk	November, 2003	
AIDS/HIV																						
AIDS	6		6	5		1		5	1					1	3		2				5	
HIV	9		9	6	2	1		9					1	2	3	1	1	1			6	
Cumulative Through November, 2004																						
AIDS	72		72	50	15	7		63	9					16	29	19	5	2	1		66	
HIV	88	6	82	60	22	6		78	10				3	23	35	19	5	3			86	

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Notifiable Disease Surveillance Monthly Report: Communicable Disease/Vaccine-Preventable **Month: November, 2004 by Date of Report**

Disease	Reported Cases	Race				Gender			Age											Previous Year
		White	Black	Other	Unk	Male	Female	Unk	< 1	1-9	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70+	Unk	November, 2003	
Gastrointestinal Diseases																				
Campylobacteriosis																			1	
E-Coli 0157:H7																				
Giardiasis	1			1		1						1							9	
Salmonellosis	2			1	1	1	1		2										4	
Shigellosis	15		7		8	8	7		1	11	1		2						1	
Total	18	0	7	2	9	10	8	0	3	11	1	1	2	0	0	0	0	0	15	
Hepatitis A, B, and C																				
Hepatitis A	1				1		1			1										
Hepatitis B																				
-Acute	9	2		1	6	5	4		1			2	2	1	1		1	1		
-Chronic	16	3			13	14	2					2	5	4	1	3		1	19	
-Perinatal																			2	
Hepatitis C																				
-Acute																				
-Chronic	81	24	10		47	55	22	4				9	19	29	18	3	3		105	
Total	107	29	10	1	67	74	29	4	1	1	0	13	26	34	20	6	4	2	126	
Bacterial Meningitis and Bacteremia																				
Neisseria meningitidis Disease																				
Bacteremia and meningitis caused by:																				
Haemophilus influenzae																			1	
Group A Streptococcus	1		1				1								1					
Listeria monocytogenes																				
Other Bacteria	1	1				1				1										
Total	2	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	1	
DRSP/VRE																				
DRSP																			3	
VRE																			6	
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
Other																				
Invasive Group B Streptococcus	1		1			1				1									2	
Total	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	
Total of Communicable Diseases	128	30	19	3	76	86	38	4	4	14	1	14	28	34	21	6	4	2	153	
Vaccine-preventable Diseases																				
Diphtheria																				
Influenza-like Illness	1				1			1										1	23	
Measles																				
Mumps																			1	
Pertussis	3	1			2	2	1		2	1									2	
Tetanus																				
Total	4	1	0	0	3	2	1	1	2	1	0	0	0	0	0	0	0	1	26	

Blank space = No report received

Notifiable Disease Surveillance Monthly Report: Communicable Disease/Vaccine-Preventable Cumulative Through November, 2004 by Date of Report

Disease	Reported Cases	Race				Gender			Age										Previous Year	
		White	Black	Other	Unk	Male	Female	Unk	< 1	1-9	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70+	Unk	November, 2003	
Gastrointestinal Diseases																				
Campylobacteriosis	31	10		1	20	18	13			7	1	5	5	4	6	2	1		18	
E-Coli 0157:H7	4	3			1	2	2		1	3										
Giardiasis	42	1	3	18	20	28	14			19	7	5	3	6	1		1		27	
Salmonellosis	50	13	9	4	24	16	31	3	4	12	3	9	6	5	2	3	6		45	
Shigellosis	30	4	10	1	15	18	11	1	1	20	1	1	4		2	1			11	
Total	157	31	22	24	80	82	71	4	6	61	12	20	18	15	11	6	8	0	101	
Hepatitis A, B, and C																				
Hepatitis A	19	3	2	8	6	12	7			6	6	2		3	2				8	
Hepatitis B																				
-Acute	11	4		1	6	6	5		1			2	3	2	1		1	1	20	
-Chronic	130	10	10	9	101	95	30	5	3	2	2	14	34	35	26	8	2	4	75	
-Perinatal	36		4	3	29		36				1	20	15						27	
Hepatitis C																				
-Acute	1				1	1							1							
-Chronic	354	133	63	4	154	244	101	9	2		1	14	52	152	95	18	11	9	460	
Total	551	150	79	25	297	358	179	14	6	8	10	52	105	192	124	26	14	14	590	
Bacterial Meningitis and Bacteremia																				
Neisseria meningitidis Disease	1		1			1										1				
Bacteremia and Meningitis caused by:																				
Haemophilus influenzae	3	2	1			1	2							1	1		1			
Group A Streptococcus	12	5	3		4	6	5	1					1	3	2	2	2	2	4	
Listeria monocytogenes																			14	
Other Bacteria	8	4			4	6	2		1	1				2	4				3	
Total	24	11	5	0	8	14	9	1	1	1	0	0	1	6	7	3	3	2	21	
DRSP/VRE																				
DRSP	7	4	2		1	3	3	1		2		1		1		1	2		24	
VRE	16	7	6		3	3	13					1	1	2	1	2	8	1	44	
Total	23	11	8	0	4	6	16	1	0	2	0	2	1	3	1	3	10	1	68	
37																				
Invasive Group B Streptococcus	15	7	5		3	7	8			1			1	1	3	1	8		37	
Total	15	7	5	0	3	7	8	0	0	1	0	0	1	1	3	1	8	0	37	
Total of Communicable Diseases	770	210	119	49	392	467	283	20	13	73	22	74	126	217	146	39	43	17	817	
Vaccine-preventable Diseases																				
Diphtheria																				
Influenza-like illness	186				186			186										186	944	
Measles																				
Mumps																			1	
Pertussis	9	6		1	2	6	3		6	1	2								10	
Tetanus																				
Total	195	6	0	1	188	6	3	186	6	1	2	0	0	0	0	0	0	186	955	

Blank space = No report received

Notifiable Disease Surveillance Monthly Report: Tuberculosis

Month: November, 2004 by Date of Report

Site	Reported Cases	Place of Diagnosis		Race/Ethnicity						Gender			Age											Comments
		MHD	Other	White Non-Hisp	Black Non-Hisp	Hispanic	Amer. Ind/Alask. Nat.	Asian/Pac. Islander	Other	Male	Female	Unk	< 1	1-9	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70+	Unk		
New Pulmonary Cases	2		2	1	1					2									2					
New Extrapulmonary Cases																								
New Cases in Dual Sites																								
New Homeless Cases	1		1		1					1									1				Total New Cases	
Total New Cases	2		2	1	1					2									2				November 2003: 8	
Cumulative Through November, 2004																								
Pulmonary																								
Total Cases	40	5	35	20	20					30	10			4	2	4	1	18	6	3	1	1		
Extrapulmonary																								
Total Cases	5		5	1	4					4	1						1	1	2		1			
Dual Sites																								
Total Cases																								
All Sites																								
Total Cases	45	5	40	21	24					34	11			4	2	4	2	19	8	3	2	1		
Total Homeless Cases	10	2	8	4	6					9	1							5	4	1				
Total Drug-resistant Cases																							Cumulative Total Thru	
Total Multi-drug resistant Cases																							November 2003: 57	
Total Cases with HIV Co-infection	8		8	1	7					6	2							6	2					
Total Cases Foreign Born < 5 Years	6	1	5	3	3					2	4				2	3		1						
Total Cases Foreign Born > 5 Years	5		5	4	1					4	1						1	2	2					

Blank space = No report received

Definitions and Technical Notes

1. Human Immunodeficiency Virus (HIV) / Acquired Immunodeficiency Syndrome (AIDS): Effective January 1, 2000, the Centers for Disease Control & Prevention (CDC) has established a new case definition for HIV infection in adults and children that includes revised surveillance criteria for HIV infection and incorporates the surveillance criteria for AIDS. For adults and children aged ≥ 18 months, the HIV surveillance case definition includes laboratory and clinical evidence specifically indicative of HIV infection and severe HIV disease. For children aged <18 months (except for those who acquired HIV infection other than by perinatal transmission), the HIV surveillance case definition updates the definition in the 1994 revised classification system. The revised case definition includes HIV nucleic acid (DNA or RNA) detection tests and permits reporting of cases based on the result of any test licensed for diagnosing HIV infection in the U.S. The entire case definition may be found in MMWR, December 10, 1999 / Vol.48 / No. RR-13.

Effective January 1, 1993, the CDC expanded the AIDS surveillance to include all HIV infected adolescents and adults aged greater than or equal to 13 years who have either a) less than 200 CD4+ T-lymphocytes/uL; b) a CD4+ T-lymphocyte percentage of total lymphocytes of less than 14%; or c) any of the following three clinical conditions: pulmonary tuberculosis, recurrent pneumonia, or invasive cervical cancer. The expanded definition retained the 23 clinical conditions in the AIDS surveillance case definition published in 1987.

2. Sexually Transmitted Diseases (STDs): Sexually transmitted diseases are infections one can acquire by having sex (vaginal, oral, and/or rectal) with another who has the infection. Viruses or bacteria can cause STDs. Although there are many types of STDs, only HIV/AIDS, chlamydia, gonorrhea, and syphilis are required to be reported to the health department and are presented in this report. HIV/AIDS cases are tabulated separately from other STDs for programmatic reasons.

3. Communicable/Vaccine-preventable Diseases: Communicable diseases in this report are a selected group of notifiable diseases that are reported to the Metropolitan Health Department of Nashville and Davidson County (MHD) regularly (other than AIDS/HIV, STDs, and TB). Other communicable diseases not listed in this report may be added as needed. Communicable diseases make up the largest portion of notifiable diseases, which are diseases that are required by law to be reported to the health department. Diseases that can be prevented by immunization include influenza, measles, mumps, polio, rubella (German measles), pertussis, diphtheria, tetanus, *Haemophilus influenzae* type b, hepatitis B, varicella (chickenpox), and others. Influenza, measles, diphtheria, mumps, pertussis, and tetanus are the six vaccine-preventable diseases listed regularly in this report, although others may be included as needed.

4. Tuberculosis: A chronic bacterial infection caused by Mycobacterium tuberculosis (MTB), characterized pathologically by the formation of granulomas. The most common site of infection is the lung, but other organs may be involved. A verified case of TB is a case that has laboratory confirmation of Mycobacterium tuberculosis (i.e., positive culture for MTB) or, in the absence of laboratory confirmation, a case that meets the clinical case definition. A clinical case meets all of the following criteria: 1.) It has a positive tuberculin skin test. 2.) Other signs and symptoms compatible with tuberculosis (e.g., an abnormal, unstable [i.e., worsening or improving] chest radiograph, or clinical evidence of current disease are present. 3.) There is treatment with two or more antituberculosis medications. 4.) A completed diagnostic evaluation. Because verification of a tuberculosis case according to the case definition as described above requires 6 – 8 weeks or longer, a case may be reported to the Tennessee Department of Health (TDOH) and presented in this report one to two months or longer after evaluation and care was initiated for the case. Following evaluation for tuberculosis, some persons are determined to not have a laboratory confirmation of MTB or to meet the clinical case definition for the disease, and are therefore not reported to the TDOH.

A TB case should not be counted twice within any consecutive 12-month period. However, cases in which the patients had previously had verified disease should be reported again if the patients were discharged from treatment. Cases also should be reported again if patients were lost to supervision for greater than 12 months and disease can be verified again. Mycobacterium diseases other than those caused by *M. tuberculosis* complex should not be counted in tuberculosis morbidity statistics unless there is concurrent tuberculosis. (Centers for Disease Control & Prevention case definition).

Information pertaining to tuberculosis cases who were homeless is provided beginning in December, 2000. Homeless is defined as:

- (1) An individual who lacks a fixed, regular, and adequate nighttime residence; or
- (2) An individual who has a primary nighttime residence that is:
 - (a) A supervised publicly or privately operated shelter designed to provide temporary living accommodations (including welfare hotels, congregate shelters, and transitional housing for the mentally ill); or
 - (b) An institution that provides a temporary residence for individuals intended to be institutionalized; or
 - © A public or private place not designated for, or ordinarily used as, a regular sleeping accommodation for human beings.

A homeless person may also be defined as a person who has no home, e.g., is not paying rent, does not own a home, and is not steadily living with relatives or friends. Another definition is a person who lacks customary and regular access to a conventional dwelling or residence. Included as homeless are persons who live on streets or in nonresidential buildings. Also included are residents of homeless shelters, shelters for battered women, welfare hotels, and single room occupancy (SRO) hotels which are not designated for permanent long-term housing. The term homeless is applied to any patient who meets the definition of homeless at any time during the 12 months prior to the time when the TB diagnostic evaluation was performed. (Definition from the TIMS User's Guide).

5. Surveillance: Continuous analysis, interpretation, and feedback of systematically collected data, generally using methods distinguished by their practicality, uniformity, and rapidity rather than by accuracy or completeness. By observing trends in time, place and persons, changes can be observed or anticipated and appropriate action, including investigative or control measures, can be taken. Sources of data may relate directly to disease or to factors influencing disease. Thus they may include (1) mortality and morbidity reports based on death certificates, hospital records, general practice sentinels, or notifications; (2) laboratory diagnoses; (3) outbreak reports; (4) vaccine utilization-uptake and side effects; (5) sickness absence records; (6) disease determinants such as biological changes in agent, vectors, or reservoirs; (7) susceptibility to disease, as by skin testing or serological surveillance (e.g., serum banks). This definition was taken from "A Dictionary of Epidemiology" third edition, edited by John M. Last, and published in 1995.

6. Event Date: Event date is defined as the earliest known date associated with the incidence of the disease. This date may be the date of disease onset, the date of clinical diagnosis, laboratory diagnosis, report to county health department, report to state health department, or as a last resort, any date associated with the case. For purposes of this report, event date is the date of laboratory diagnosis.

7. Report Date: Report date is defined as the date that the disease was reported to the Tennessee Department of Health. The report date is always a Saturday. For example, diseases displayed in this report by report date reflect those cases reported to the Tennessee Department of Health from the week ending the second Saturday of the month of the report to the week ending the first Saturday of the current month.

8. NETSS: National Electronic Transmitting Surveillance System
9. NEDSS: National Electronic Disease Surveillance System
10. TIMS: Tuberculosis Information Management System
11. HARS: HIV/AIDS Reporting System
12. Cumulative totals for STD's, communicable diseases and vaccine-preventable diseases represent only the totals in 1999 and 2000 through the respective month being reported on in 1999 and 2000.
13. HIV/AIDS/STD data:
 - ◆ Provided by: Dan McEachern, Division of STD Control, and Nancy Horner
 - ◆ Date: December 9, 2004.
 - ◆ Data Source: STD cases entered into the NETSS database by report date.
 - ◆ HIV/AIDS cases entered into the HARS database during the calendar month of the report.
 - ◆ **Please note:** Number of cases of HIV/AIDS may include both Davidson County residents and non-Davidson County residents. Resident vs. non-resident status is indicated page ten. STD data presented is Davidson County resident data only.
14. Communicable/Vaccine-preventable diseases data:
 - ◆ The data used to prepare the Communicable/Vaccine-preventable Diseases portion of this report were downloaded from NETSS and NEDSS on December 6, 2004 at the Metro Public Health Department by Nancy Horner, Division of Epidemiology.
 - ◆ Data presented is Davidson County resident data only.

In June 2000, changes were made in how bacterial meningitis and bacteremia are presented in the report. These changes were made to 1) make the data more easily interpreted and 2) to more closely represent the manner in which the diseases are reported to CDC through NETSS. The NETSS event numbers used to report these bacteria to the CDC include both cases of meningitis and bacteremia caused by the bacteria. In order to determine whether a reported case is meningitis or bacteremia requires entry into the secondary screens of the NETSS system where laboratory specifics are entered, such as 1) specimen from which the organism was isolated (blood, cerebrospinal fluid, pleural fluid, peritoneal fluid, pericardial fluid, joint, placenta, amniotic fluid, and other) and 2) type of infection caused by the organism (primary bacteremia, meningitis, otitis media, pneumonia, cellulitis, epiglottitis, peritonitis, pericarditis, septic abortion, amnionitis, septic arthritis, conjunctivitis, other); and 3) serogroup. This report will provide only the total numbers for the represented categories. For specific information pertaining to numbers of bacterial meningitis vs. bacteremia, contact Pam Trotter at Ext. 632.

The bacteria included in the "Other Bacteria" category include: Group B streptococcus, *Streptococcus pneumoniae*, *Escherichia coli*, *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Klebsiella* species, *Enterobacter* species, *Serratia* species, *Actinobacter* species, Group D streptococcus, and other streptococcus.

NEDSS is an initiative to promote data and information system standards for disease surveillance. It aims to promote data and information system standards for disease surveillance. The goal of NEDSS is the development of efficient, interoperable, and integrated surveillance systems at federal, state, and local levels by facilitating the electronic transfer of appropriate information from clinical information systems in the health care industry to public health departments.

In Nashville, communicable disease data began to be entered into the NEDSS database in March 2004. Data was entered into the NETSS database as well for comparison/quality check purposes until April 19, 2004. As of April 19, 2004, NEDSS became the primary data management system for communicable disease data in place of NETSS, except for follow-up to any cases previously entered into NETSS. Data for those cases will be managed in the NETSS system until the case is closed. For that reason, beginning with the April 2004 report, communicable disease data will be run from both the NEDSS and NETSS systems until all cases are closed in NETSS.

15. Tuberculosis data:

- ◆ Data pertaining to numbers of drug-resistant cases provided by Division of Tuberculosis Elimination.
- ◆ Date:
- ◆ Nancy Horner, Division of Epidemiology, ran the tuberculosis data from the TIMS database on December 13, 2004.
- ◆ Data Source: TIMS. Tuberculosis cases presented in this report reflect surveillance of new cases based on calendar month of report.
- ◆ **Please note:** Cases presented are primarily Davidson County residents, but may include some cases diagnosed, treated, and managed in Davidson County but residing in another county. Those cases not Davidson County residents will be so indicated on the report.

Because determination of drug/multi-drug resistance may require as long as 2 months, beginning with the October 2001 report this information will be presented only as cumulative data. Similarly, HIV reports may not be available to accurately reflect by month the HIV status of each case so HIV Co-infection status will be presented as cumulative data only.

In September of 2001, maps were added to the report. The maps are geographical representation of individual cases of diseases. The maps are produced using ArcView GIS Version 3.0.

In May of 2002, information pertaining to risk factors for hepatitis A and B were added to the report.

Beginning with the July 2004 report and continuing until problems with the NEDSS system are corrected, communicable disease/vaccine-preventable disease information will be presented only by date of report to the MPH as it is not possible to ascertain the event date.